

Title (en)
METHOD OF MAKING POLYHYDRIC ALCOHOL SOLUTIONS OF ENHANCED EFFICACY ANTIPERSPIRANT ACTIVES

Title (de)
HERSTELLUNGSVERFAHREN VON LÖSUNGEN VON MEHRWERTIGEN ALKOHOLEN DIE SCHWEISSHEMMENDE AGENTIEN ENTHALTEN, MIT VERBESSERTER WIRKSAMKEIT

Title (fr)
PROCEDE DE FABRICATION DE SOLUTIONS DE POLYOLS CONTENANT DES AGENTS ACTIFS ANTISUDORAUUX A EFFICACITE ACCRUE

Publication
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Application
EP 95939000 A 19951030

Priority

- US 9514073 W 19951030
- US 33389694 A 19941102
- US 39745195 A 19950302

Abstract (en)
[origin: US5939057A] The present invention comprises a process of preparing a solution of an enhanced efficacy aluminum antiperspirant salt in a polyhydric alcohol by(a) providing an aqueous solution consisting essentially of about 5% to about 18% by weight of an enhanced efficacy aluminum antiperspirant salt in water, the enhanced efficacy aluminum antiperspirant salt having been prepared in situ without having been dried to a solid powder; (b) mixing the aqueous solution with a sufficient amount of a liquid polyhydric alcohol to provide a mixed solution which has an antiperspirant salt to polyhydric alcohol ratio of about 1:4 to about 1.2:1; and (c) rapidly evaporating the water from the mixed solution under vacuum to provide a final liquid polyhydric alcohol solution containing about 20 to 50% enhanced efficacy aluminum antiperspirant salt and about 2 to 16% water, with the balance being polyhydric alcohol. An alkaline glycinate salt, such as sodium, potassium or zinc glycinate, may be added to the polyhydric alcohol prior to the addition of the antiperspirant salt solution in order to raise the pH of the recovered product to about 4.1 to 5.0.

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A61K 7/38

IPC 8 full level
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Cited by
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DOCDB simple family (publication)
US 5939057 A 19990817; AT E184784 T1 19991015; AU 4017995 A 19960531; AU 688630 B2 19980312; CA 2204015 A1 19960517; CA 2204015 C 20010206; CN 1167434 A 19971210; DE 69512430 D1 19991028; DE 69512430 T2 20000316; EP 0789554 A1 19970820; EP 0789554 B1 19990922; ES 2138242 T3 20000101; JP H10509142 A 19980908; MX 9703189 A 19970731; NZ 296385 A 19990429; WO 9614052 A1 19960517

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